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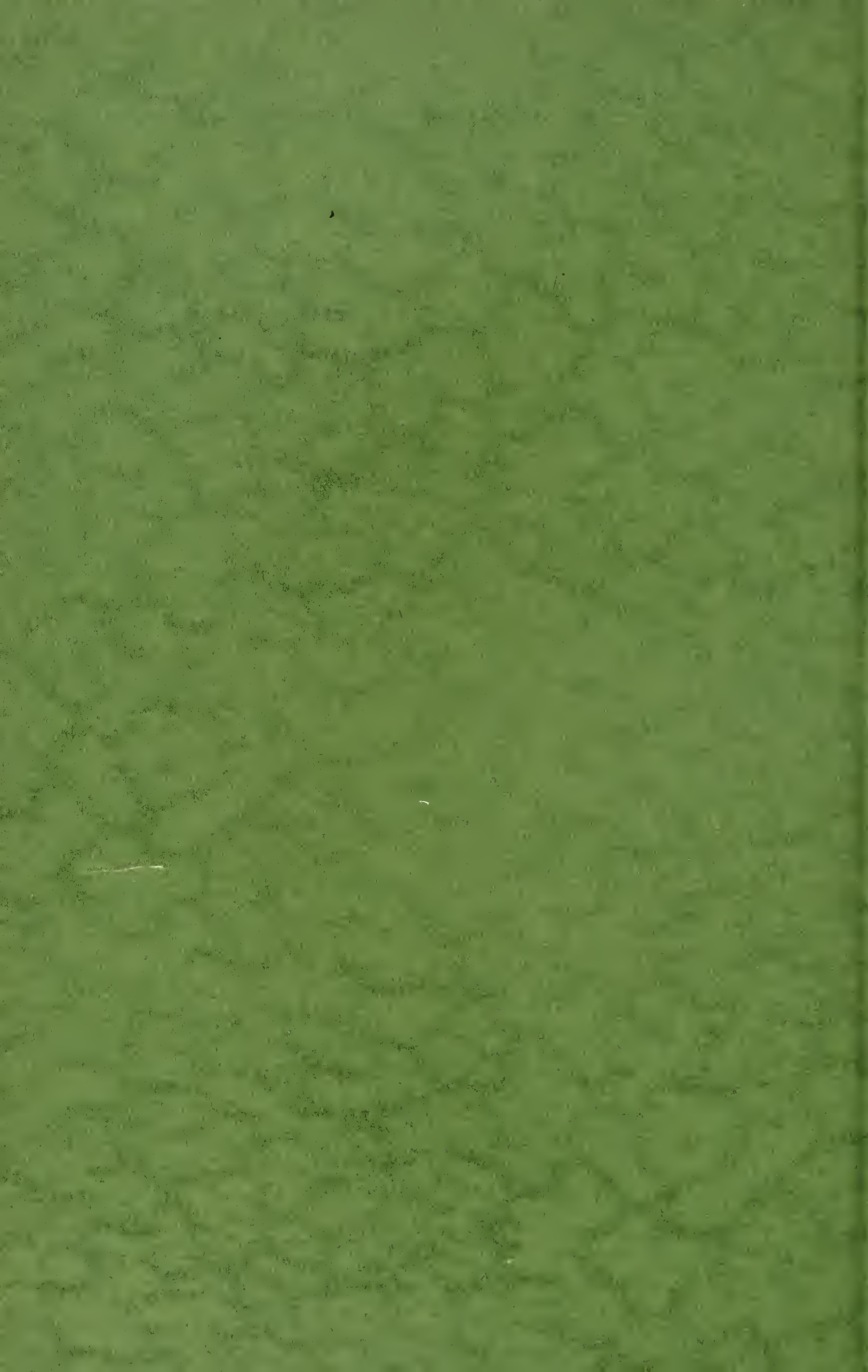
**MEDICAL OFFICER OF HEALTH**

AND THE

**CHIEF SANITARY INSPECTOR,  
HOUSING and MEAT INSPECTOR,  
and  
DIRECTOR of PUBLIC CLEANSING**

FOR THE

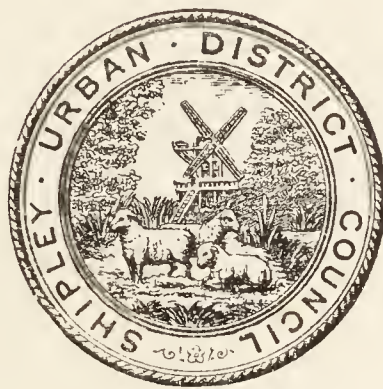
**Shingle Urban Sanitary District**





# Shipley Urban District Council

1939



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## ANNUAL REPORT

OF THE

## MEDICAL OFFICER OF HEALTH

FOR THE

### Shipley Urban Sanitary District

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E. D. IRVINE, M.D., M.R.C.S., D.P.H.



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# INTRODUCTION.

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TOWN HALL, SHIPLEY,

October, 1940.

*To the Chairman and Members of the Public Health Committee.*

Mr. Chairman and Gentlemen,

This report has been compressed, on the instruction of the Ministry of Health, owing to the need of saving paper ; and many tables usually included have been omitted.

Unemployment in the town has greatly decreased during the year under review.

The war has caused no serious reverse to the already established general public health or maternity and child welfare services in the town, but the postponement of the erection of the proposed clinic in Wrose is an unfortunate and direct consequence of the war.

Scarlet fever was again well marked : diphtheria declined, and measles was not prevalent.

Scabies is once more causing concern. A sharp increase was noted in 1939, even before war broke out, and in 1940 the condition has been still much more common. Free treatment and disinfection are available under the Council's scheme.

In 1940 a Youth Centre for the young persons in the town, including those juveniles who have recently come into the district, has been opened, and seems likely to prove very successful. The Fitness for Service Movement is also making steady progress.

The need for extra Health Visiting Staff is becoming increasingly obvious.

I wish to thank the Committee for their consideration during the year ; and also all the officers and staff with whom I have worked.

I am,

Your obedient servant,

EDWARD D. IRVINE,

*Medical Officer of Health.*

## STAFF

The following changes in the Staff were made during the year :

Dr. G. BUCKLE (M.B., B.S.) was appointed Assistant Medical Officer of Health from 1/5/39.

Miss H. DUKES (S.R.N., S.C.M., Cert R.S.I.) was appointed Health Visitor from 9/3/39.

Miss E. E. JOWETT was appointed Clerk and Dental Attendant in place of Miss M. DAWSON (resigned because of marriage), and Miss WILLIAMS' temporary appointment as Clerk was made permanent.

The part-time appointment of Medical Officer in charge of the ante-natal clinic was discontinued ; Dr. HEYNEMANN had given good service in this work.

## PUBLIC HEALTH & HOUSING COMMITTEE

---

Councillor A. E. Horne, J.P.  
(Chairman of the Council).

Councillor T. J. Gray, J.P. (Chairman).

Councillor A. W. Robson (Vice-Chairman).

Councillor J. Chell.

„ E. Cowgill.

„ S. Derbyshire.

„ H. Kershaw.  
(resigned 26/9/39)

Councillor J. Lancaster.

„ C. M. Smith.

„ G. Waddilove.

„ V. Waddilove.  
(appointed 19/12/39)

## MATERNITY AND CHILD WELFARE COMMITTEE

---

Councillor A. E. Horne, J.P.  
(Chairman of the Council).

Councillor C. M. Smith (Chairman).

Councillor J. R. Hardcastle (Vice-Chairman).

Councillor A. Alty.

„ J. Chell.

„ E. Cowgill.

„ E. Craven.

\*Mrs. J. Dibb.

Councillor H. Kershaw.  
(resigned 26/9/39)

„ J. Lancaster.

„ G. K. Todd.

„ V. Waddilove.  
(appointed 19/12/39)

\*Mrs. J. Walker.

\* Co-opted Members.

## SHIPLEY URBAN DISTRICT

### Census 1931

Area of the district in acres	...	...	...	2,182
Population at Census of 1931	...	...	...	30,243
Number of structurally separate occupied dwelling-houses in the district at Census of 1931	...	...	...	8,353
Average number of persons per room at Census of 1931	...	...	...	.80
Number of families or separate occupiers at Census of 1931	...	...	...	8,451

### Summary, 1939, and Comparison with 1938

	1939	1938
Area of the district in acres	2,183	2,183
Estimated population, mid-year	(a)*31,000 (b)*31,160	31,000
Estimated number of dwelling-houses (end of year)	10,022	10,014
The rateable value (1st April)	£207,417	£203,820
Sum represented by a penny rate (estimated)	£790	£790
Live births	(a)†437 (b)†436	428
1939—Legitimate: (a) Male, 217; Female, 198; (b) Male, 216; Female, 198; Illegitimate: (a) Male, 11; Female, 11; (b) Male, 11; Female, 11.		
Birth rate per 1,000 of the estimated resident population	14.1	13.8
Stillbirths	12	20
1939—Legitimate 9: Male, 5; Female, 4; Illegitimate 3: Male, 2; Female, 1.		
Still birth rate per 1,000 total (live and still) births	27	45
Number of deaths	403	377
1939: Male, 199; Female, 204		
Crude Death rate per 1,000 of the estimated resident population	12.9	12.2

\* (a) Figure for computing Birth Rates.

(b) Figure for computing Death Rates or the incidence of notifiable diseases.

† (a) Figure for computing Birth Rates.

(b) Figure for computing Infant and Maternal mortalities.



				1939		1938
				<u>1939</u>		<u>1938</u>
Adjusted death rate ...	...	...	...	13.4	...	12.6
Comparability factor	...	...	...	1.04	...	1.04
Maternal mortality rate per 1,000 (live and still) births				nil	...	4.5
Deaths from puerperal sepsis ...		...	...	nil	...	nil
Rate per 1,000 total (live and still) births		...	...	nil	...	nil
Deaths from other puerperal causes	...	...	...	nil	...	2
Rate per 1,000 total (live and still) births		...	...	nil	...	4.5
Deaths of infants under 1 year of age:—						
RATE	All infants per 1,000 live births	...	...	55	...	42
	Legitimate infants per 1,000 legitimate live births			58	...	38
	Illegitimate infants per 1,000 illegitimate live births			nil	...	200
Deaths from cancer (all ages)		...	...	61	...	60
Death rate from cancer per 1,000 of the estimated resident population	...	...	...	1.96	...	1.93
Deaths from measles (all ages)		...	...	nil	...	nil
Deaths from whooping cough (all ages)			...	1	...	nil
Deaths from diarrhoea (under 2 years of age)		...	...	1	...	3
Deaths from pulmonary tuberculosis	...	...	...	14	...	9
Death rate from pulmonary tuberculosis per 1,000 of the estimated resident population		...	...	0.45	...	0.29
Deaths from all forms of tuberculosis	...	...	...	15	...	10
Death rate from all forms of tuberculosis per 1,000 of the estimated resident population		...	...	0.48	...	0.32
Percentage of births occurring in public institutions				44.6	...	36.8
Percentage of deaths occurring in public institutions				33.0	...	33.7
<hr/>						
Rainfall (inches)	...	...	...	...		31.63
Atmospheric Pollution (Somerset House Observations)						
*Total Solids (tons per sq. mile)	...	...	...	...		176.35

\* For 11 months. No analysis was carried out in September.



## Unemployment

The Manager of the Shipley Employment Exchange informs me that during 1939 there was marked improvement in the state of employment in the district, particularly after the war commenced, and a considerable amount of adult and juvenile female labour was transferred into the district.

## Causes of Death (Registrar General's Return)

Heart disease (66 m., 57 f.) was the principal cause of death in 1939. Aneurysm and other circulatory diseases accounted for 28 deaths (8 m., 20 f.); cancer (28 m., 33 f.); cerebral hæmorrhage (12 m., 15 f.); pneumonia (15 m., 10 f.); suicide and violence (27 deaths); and nephritis (17 deaths) were other important causes. Respiratory tuberculosis accounted for 14 deaths (11 m., 3 f.) and non-respiratory tuberculosis for 1 death (1 m.). Premature birth, etc., was the cause in 15 cases.

## General Provision of Health Services of the Area.

Hospital, Ambulance, Nursing in the Home and Laboratory facilities remain as described last year.

The number of laboratory specimens examined during the year was 712, including 183 for diphtheria, 45 sputa for tubercle, 102 milks and 80 samples of drinking water.

## Shipley and Bingley Joint Maternity Home

The following table gives full details of cases admitted:—

	1932	1933	1934	1935	1936	1937	1938	1939
Shipley Private Cases ...	30	32	35	37	27	40	45	51
Shipley Assisted Cases ...	86	97	112	104	126	143	120	131
Bingley Private Cases ...	24	21	40	32	35	38	33	27
Bingley Assisted Cases ...	31	77	72	99	115	100	107	123
County Cases ...	6	13	27	17	—	—	—	2
Outside area private cases	31	27	22	—	—	—	—	1
TOTAL ...	208	267	308	289	303	321	305	335

Three hundred and fifteen mothers were delivered; 321 babies born, 10 of whom died within 10 days; 17 were stillbirths (a rate of 53). Eighteen emergency cases were admitted; the consultant obstetrician was consulted in 12 cases and performed 11 operations, including 5 cæsarean sections; one mother died (pulmonary embolism after cæsarean section); eight cases were transferred to other institutions—none being septicæmia. Thirty-three mothers had in-patient ante-natal treatment.

## Maternity and Child Welfare

### Expectant and Nursing Mothers

The attendances of ante-natal patients at the clinics are detailed in the table below.

			1935	1936	1937	1938	1939				
Somerset House	Ante-natal	New	61	85	131	184	190				
		Total	205	268	364	742	597				
	Post-natal		1st Subs.	10	36	37	{	39	24		
				23	3						
Shipley and Bingley Joint Maternity Home (Shipley patients only)	Dr's A.N.C.	1st Subs.	{	101	{	97	{	91	{	67	140
								75			
	Matrons A.N.C.	New	126	158	181	155	187				
		Total	836	938	1137	1007	1092				
Total new patients ... ..			187	243	302	339	377				
Total ante-natal attendances ...			1142	1303	1592	1816	1904				
Total Number of births (live & still) registered (Shipley)			383	428	472	448	437				

### Domiciliary Confinements

The number of cases booked by the midwives was 229; 186 babies were born alive, 6 were stillborn and there were 3 abortions. Seventy-four patients remained undelivered at the end of the year; 12 went to hospital, 6 left the district, and 1 was found not to be pregnant.

## **Institutional Confinements**

One hundred and seventy-six Shipley mothers, including 12 emergency cases, were admitted to the Joint Maternity Home during the year; 175 babies were born to the 172 mothers delivered.

## **Consultant Obstetrician**

Four Shipley patients in the Shipley and Bingley Joint Maternity Home were examined by the Consultant Obstetrician; 6 operations were performed.

## **Abortions and Complicated Maternity Cases**

Seven abortion cases and 4 complicated maternity cases were admitted to the Royal Infirmary, Bradford, under the Council's scheme.

## **Home Helps**

The services of home helps were employed by the Council for 15 mothers. A rota of 3 home helps has been maintained.

## **Provision of Meals**

This service was not utilised during the year.

## **Dental Treatment and Dentures**

In 1939, 36 mothers attended in all 47 times for dental treatment, including 4 who were fitted with dentures at cost or part cost.

## **Infants**

It is highly gratifying to record that the number of infants, under 1 year of age, who came for the first time, was 85% of the number of live births registered in the year—a new high record.

Mothers are encouraged to bring toddlers to the clinic; no special sessions are held for them. In 1939, 599 children in the age group 1 to 5 years were attending the clinic; of these 340 were from 2 to 5 years of age.

Aged at end of year 1939	Number attending Child Welfare Clinics		
	in 1937	in 1938	in 1939
Under 1 year    ...    ...	302	277	244
1-2 years        ...    ...	250	306	259
2-5 years        ...    ...	313	356	317
Over 5 years    ...    ...	34	19	23



## Provision of Milk, etc.

Fresh milk, dried milk, cod liver oil, iron and calcium preparations were supplied in 1939, as in previous years.

The aggregate amounts of milk supplied during the year to *mothers and infants* (the figures for infants separately are not available) were 14,516 pints of fresh milk and 2,173 lbs. of dried milk free, 145 lbs. of dried milk at half cost and 6,983 lbs. of dried milk at cost. The nett cost to the Authority of the milk supplied free or at half cost was £206 7s. 6d., and similarly for dried milk was £148 14s. 10d.

For various reasons, but in particular because they could not make compulsory attendance at a clinic or by a doctor a pre-requisite for assistance in the receipt of milk, the Council did not formulate a scheme for the supply of cheap milk in accordance with Ministry of Health Circular No. 1840. Due to the co-operation of the Milk Officer the very great majority of mothers taking advantage of the National Milk Scheme are in fact bringing their babies to the clinic.

## Treatment

As formerly, minor ailments were treated at the School Minor Ailment Clinic; 83 infants and young children making 382 attendances. Twenty young children were treated at the School Dental Clinic; 90 attended the Ultra Violet Light Clinic for various conditions; 50 young children were referred to various neighbouring hospitals.

## Maternal Deaths

There were no maternal deaths during 1939.

Maternal Mortality Rate — 1934-1939						
Maternal mortality rate per 1,000 total births	1934	1935	1936	1937	1938	1939
	9.1	5.2	nil	8.5	4.5	nil

## Puerperal Pyrexia

During the year 8 cases of puerperal pyrexia in Shipley women were notified: one case was removed to Morton Banks Isolation Hospital.

## Infants

The number of attendances of infants at the three child welfare sessions is shown opposite, and the comparison with previous years is given in the table; the outbreak of war caused some temporary dislocation of the child welfare clinics and resulted in a reduction in the attendances.



	1934	1935	1936	1937	1938	1939
No. of live births registered	417	367	405	453	428	437
New patients (under 1 year)	320	278	296	340	322	372
New patients (1-5 years)	34	37	71	60	74	53
Total attendances (under 1 year)	4037	3403	4215	5323	5665	5451
Total attendances (1-5 years)	1685	1950	2632	3225	3793	3144
New patients (total) ...	354	315	367	400	396	425
Total attendances ...	5722	5353	6847	8548	9458	8595
Total No. of clinic sessions	100	99	98	109	150	148
Average attendance per session	57	54	70	78	63	58

### Infantile Mortality

The causes of infant deaths are shown in the table.

CAUSE OF DEATH.	Under 1 week	1-2 weeks	2-3 weeks	3-4 weeks	Total deaths under 1 month	1-3 months	3-6 months	6-9 months	9-12 months	Total deaths under 1 year
Gastro-enteritis	—	1	—	—	1	—	—	—	—	1
Pneumonia	1	—	—	—	1	1	1	1	—	4
Scarlet Fever	—	—	—	—	—	—	—	—	1	1
Meningitis	—	—	—	—	—	—	—	1	1	2
Congenital atelectasis of both lungs	—	—	—	—	—	1	—	—	—	1
Congenital atresia of duodenum	—	1	—	—	1	—	—	—	—	1
Congenital Heart Disease	2	—	—	—	2	—	—	—	—	2
Premature birth	8	—	—	—	8	2	—	—	—	10
Convulsions	1	—	—	—	1	—	—	—	—	1
Status Lymphaticus	—	—	—	—	—	—	1	—	—	1
All Causes ...	12	2	—	—	14	4	2	2	2	24

The percentage of infant deaths occurring during the first week of life was 50.

## Health Visitors

The visits of the Health Visitors are detailed below, and a comparison is made with the work of the previous six years.

	1933	1934	1935	1936	1937	1938	1939
Live births ... ..	418	417	367	405	453	428	437
Still births ... ..	17	23	16	23	19	20	12
Visits to infants :—							
Under 1 year (new) ...	370	372	374	367	461	415	453
Under 1 year (total) ...	1172	2164	1444	2045	2513	2486	2866
Visits to children 1 - 5 years	2020	3537	1975	3616	2988	3152	3382
Visits to expectant mothers :-							
First ... ..	38	36	29	114	95	89	39
Total ... ..	47	61	35	156	227	226	52
Visits re infant life protection	11	22	9	15	13	41	36
Other visits ... ..	91	57	39	43	115	544	*509
Total number of visits ...	3341	5841	3502†	5875	5856	6449	6845

\* includes 381 post-natal visits, 56 visits to nursing mothers and 3 visits re still-births.

† shortage of staff.

### Infant Life Protection.

The Health Visitors are all Infant Life Protection Visitors. They paid 36 visits to the 8 children on the Infant Life Protection Register. The Assistant Medical Officer of Health also visited each of the homes in which these children were staying.

### Water

From April 1st, 1939, the district has received a supply of 500,000 gallons daily from the Bradford Corporation and, in consequence, there has been an ample supply, even during the dry weather. This arrangement is permanent.

Samples of the public water supply were examined regularly by the County Pathologist and by the Council's Chemist.

The Council's Chemist (Dr. Watson) made full chemical analyses of 22 samples from the Shipley supplies, all being satisfactory. Of 24 samples examined for lead, one from the Shipley high level supply contained an excess.

			Raw Water	Treated Water				Reser- voir
				Shipley Supply		Bradford Supply		
				High Level Supply	Low Level Supply	High Level Supply	Low Level Supply	
County Laboratory	Bacteriological	Satisfactory ...	11	14	13	4	2	1
		Unsatisfactory	4	—	—	—	—	—
Council's Chemist	Chemical	Satisfactory ...	—	11	11	—	—	—

Sewage Disposal

Mr. W. Watson, Ph.D., A.I.C., Sewage Works Manager, states that 815,000,000 gallons of sewage was dealt with in 1939, of which 2.2% received storm tank treatment only : the trade waste amounted to 250,000,000 gallons.

Closet Accommodation

There were at the end of 1939 the following types of closets in the town :—

Water Closets	...	...	...	10,472
Waste or Slop Water Closets			...	1,093
Common Privies	...	...	...	15
Pail Closets	...	...	...	20

In this district pail closets were practically extinct, but Public Shelters have introduced the problem of chemical closets.

## **Eradication of Bed Bugs**

During 1939, 42 houses (including 12 Council houses) were found to be infested by bugs. One was disinfested by the Cyanide process and 37 by the Cimex and Zaldecide processes.

## **Housing**

During the year 99 houses were built in the district, all by private enterprise, the total number of houses now being 10,022.

No Clearance Areas were declared; 97 houses were demolished, 77 of them in consequence of previous clearance orders: 4 houses were closed by undertakings. Ninety-one cases of overcrowding were dealt with, and 18 dwellings were known to be overcrowded.

## **Inspection and Supervision of Food**

### **Milk**

Nine samples of "Accredited" milk, examined bacteriologically, were all found satisfactory. Of 33 samples of "Pasteurised" milk, 4 were unsatisfactory: in addition, 2 were positive to the phosphatase test. Of 70 samples of ordinary milk, 12 were unsatisfactory.

One specimen of "Pasteurised" milk was proved tubercular; investigation showed the pasteurisation had not been properly carried out; and 2 other samples of raw milk were found tubercular.

### **Meat**

The abattoir has been maintained under the Government's scheme. During 1939, the whole carcasses of 11 beasts and 10 pigs were condemned, including 10 beasts and 7 pigs because of tuberculosis.

### **Adulteration**

Application has been made that Shipley Council should be made the Food and Drugs Authority.

Two milk samples were found adulterated; 26 milk, 10 drugs and 32 other food samples were found genuine.

## **Prevalence of, and Control over, Infectious Diseases**

Diphtheria was much less prevalent than in recent years: measles was not prevalent. Otherwise there is nothing of note to report.



# Notifiable Diseases (other than Tuberculosis) during 1939 Monthly Incidence

Disease	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Totals
Smallpox ...	—	—	—	—	—	—	—	—	—	—	—	—	—
Scarlet Fever ...	21	11	19	10	9	7	5	2	1	7	10	3	105
Diphtheria ...	3	5	5	2	1	1	2	5	—	1	1	—	26
Enteric Fever (including Para-typhoid)	—	—	—	—	—	—	—	—	—	—	—	—	—
Puerperal Pyrexia ...	1	—	3	—	4	—	2	1	—	—	1	—	12
Pneumonia ...	9	—	1	—	1	3	—	2	2	2	—	—	20
Erysipelas ...	1	—	—	2	2	1	—	1	—	—	1	—	8
Cerebro Spinal Fever	—	—	—	—	—	—	—	—	—	—	—	—	—
Ophthalmia Neonatorum	—	—	—	—	1	—	—	—	—	—	—	—	1
Anterior Polio-Myelitis	1	—	—	—	—	—	—	—	—	—	—	—	1
*Measles ...	—	—	—	—	—	—	—	—	—	—	31	11	42
*Whooping Cough ...	—	—	—	—	—	—	—	—	—	—	—	—	—
Monthly Totals	36	16	28	14	18	12	9	11	3	10	44	14	215

\* Notifiable from October, 1939

Notification of and Deaths from Infectious Diseases

Disease	AGE GROUPS												Total cases notified	Cases admitted to Hospital	Total Deaths
	Under 1 Year	1—	2—	3—	4—	5—	10—	15—	20—	35—	45—	65 and over			
Smallpox . . . . .	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Scarlet Fever . . . . .	*—	2	4	4	11	39	27	5	6	7	—	—	105	96	1
Diphtheria . . . . .	2	—	1	*4	1	9	3	4	2	—	—	—	26	26	1
Enteric Fever . . . . . (including Para-typhoid)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Puerperal Pyrexia . . . . .	—	—	—	—	—	—	—	—	11	1	—	—	12	2	—
Pneumonia . . . . .	—	—	1	1	1	2	—	—	4	5	5	1	20	2	25
Erysipelas . . . . .	—	—	—	—	—	—	1	—	2	1	4	—	8	5	—
Cerebro Spinal Fever . . . . .	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Ophthalmia Neonatorum . . . . .	1	—	—	—	—	—	—	—	—	—	—	—	1	1	—
Anterior Polio-myelitis . . . . .	—	—	1	—	—	—	—	—	—	—	—	—	1	1	—
+Measles . . . . .	2	3	8	13	3	13	—	—	—	—	—	—	42	—	—
+Whooping Cough . . . . .	—	—	—	—	—	—	—	—	—	—	—	—	—	—	1
Totals . . . . .	5	5	15	22	16	63	31	9	25	14	9	1	215	133	28

\* One death. Also 1 death from whooping cough aged 1 year and 1 from diarrhoea under 1 year of age.  
Zymotic Death Rate .13.  
+ Notifiable from October, 1939.

## IMMUNISATION AGAINST DIPHTHERIA.

The arrangements are as described in my last report.

	School Children		Infants		Total	
	Complete Course	Partial Course	Complete Course	Partial Course	Complete Course	Partial Course
1935	414	29	16	3	430	32
1936	833	42	135	6	968	48
1937	226	20	55	5	281	25
1938	177	11	75	13	252	24
1939	243	24	44	6	287	30
	1,893	126	325	33	2,218	159

## Tuberculosis

There were 15 notifications (10 male, 5 female) of, and 14 deaths (11 male, 3 female) from, pulmonary tuberculosis during 1939. The corresponding figures for non-pulmonary tuberculosis were 14 (11 male, 3 female) and 1 (female) respectively.

## Scabies

There was a sharp increase in scabies during the year; 81 school children, 12 pre-school children and 5 juveniles were treated under the arrangements made by the Council. This increase is still more marked in 1940.

## Civil Defence

The Medical Officer of Health is in charge of the Casualty Services in Shipley, and is Secretary of the Local Nursing Emergency Committee.

An Emergency Mortuary has been organised, and Mr. Marks, Additional Sanitary Inspector, has been appointed its Supervising Officer: he is also Food Anti-Gas Inspection Officer. Proposals re the latter service have been submitted to the Ministry of Food.

The department is responsible for the distribution of babies' anti-gas helmets.

## Ward Statistics

	North.	South.	East.	West.	Central.	Total.
Acreage ... ..	468	408	368	773	166	2,183
Estimated Population ...	6,280	7,220	6,240	7,520	3,900	31,160
Est. Population per acre	13.4	17.7	17.0	9.7	23.5	14.3
Live Births ... ..	116	59	123	81	58	437
Birth Rate ... ..	18.5	8.2	19.7	10.8	14.9	14.1
Deaths ... ..	71	94	70	86	82	403
Death Rate ... ..	11.3	13.0	11.2	11.4	21.0	12.9
Deaths of Infants under 1 year of age ...	4	4	6	1	9	24
Infantile Mortality Rate	34	68	49	12	155	55

## Notifications

Scarlet Fever ... ..	28	16	25	28	8	105
Diphtheria ... ..	14	1	4	4	3	26
Ophthalmia Neonatorum	1	—	—	—	—	1
Puerperal Pyrexia ...	5	2	3	1	1	12
Pneumonia ... ..	4	8	4	—	4	20
Erysipelas ... ..	3	—	2	2	1	8
Acute Poliomyelitis ...	—	—	1	—	—	1
*Measles ... ..	27	2	2	4	7	42
Tuberculosis :—						
Pulmonary ... ..	3	1	3	5	3	15
Non-Pulmonary ...	3	2	2	3	1	11

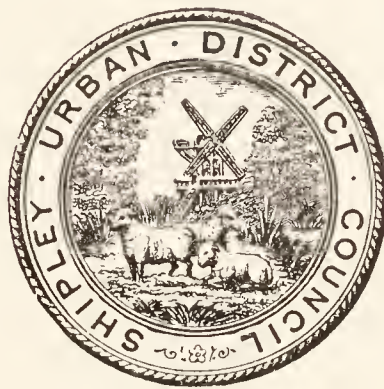
There were no notifications of smallpox, cerebro spinal fever, enteric fever or whooping cough.

\* Notifiable from October, 1939.



# Shipley Urban District Council

1939



1939

## ANNUAL REPORT

OF THE

CHIEF SANITARY INSPECTOR,  
HOUSING and MEAT INSPECTOR,  
and  
DIRECTOR of PUBLIC CLEANSING

FOR THE

Shipley Urban Sanitary District



SANITARY INSPECTOR'S OFFICE,  
TOWN HALL, SHIPLEY.

ANNUAL REPORT  
OF THE  
**Chief Sanitary Inspector and  
Director of Public Cleansing**  
FOR THE  
YEAR ENDED 31st DECEMBER, 1939.

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The Staff of the Department consists of :

	Appointed.	Qualifications.
Albert England, Chief Sanitary Inspector ... ..	22nd June, 1903.	C.R.S.I. Cert. M.I. M.I.P.C.
Wilfred Farndale, Additional Sanitary Inspector ... ..	29th Sept., 1931.	Cert. S.I. Cert. M.I. Cert. Smoke I.
Frederick Marks, Additional Sanitary Inspector ... ..	23rd March, 1936.	Cert S.I. Cert. M.I.
E. V. Chadwick, Assistant Meat Inspector and Superintendent of the Public Abattoir	5th May, 1936.	Cert. M.I.
Miss Frances Wear, Clerk and Typist	5th April, 1934	
Eric Keighley, Junior Clerk ...	27th Oct., 1936	

*To the Chairman and Members of the  
Shipley Urban District Council.*

GENTLEMEN,

In presenting to you a report upon the year's work carried out by the Sanitary Inspector's Staff, one is reminded of the shortage of paper and therefore any inductory remarks will be brief.

## **Saltaire Housing Improvements**

There remained at the close of the year 5 houses to be demolished in Titus and Caroline Streets. These have been dealt with during the current year. Houses re-conditioned on this estate numbered 32.

## **Saltaire and Dockfield Cottages**

Following on the sanitary improvements in Saltaire, the Council completed the abolition of 8 tippler closets, and the re-construction of water closets, coal places and re-drainage works at at Nos. 30 to 43, Victoria Road. Ten fresh water closets were substituted for tippler closets at Dockfield Place and Dockfield Terrace, properties owned by the Council.

## **Drainage at Council Houses**

Combined drains were cleared of 24 obstructions affecting 86 houses, and single house drains at 39 houses.

## **False Charges**

In one case the owner of a house, through her solicitor, charged the Sanitary Inspector with causing unnecessary expenditure. The facts were that approval had been given only to suggestions put forward by the contractor engaged by the owner with regard to a defective drain at 20, Norwood Terrace.

In a second case the charge was that the Sanitary Inspector increased his demands every time he wrote with regard to the same matter. Happily I had dealt with both matters personally, and satisfied the solicitor in the first case that the charge was untrue, and letters and notices proved to your Public Health Committee that from the first demand nothing had been added in the second case.

Cases of this kind prove that the life of a Sanitary Inspector is not altogether a bed of roses.

## **Miscellaneous Matters**

Reports presented to Public Health and other Committees ...	...	...	...	...	340
Inspections made with Public Health Committee or Chairman	...	...	...	...	13



Informal Notices served requiring the execution of works, the abatement of nuisances, etc. ...	1,552
Statutory Notices served requiring the execution of works, the abatement of nuisances, etc. ...	181
Letters written re various matters of business ...	1,331
Interviews with owners, contractors and others ...	3,085
Complaints received and investigated ...	196

## **Drains and Sewerage**

### **House Drainage**

There was no unusual development in house drainage works except in the cases referred to above at Council properties, and that the houses Nos. 8 and 9, Elm Grove, were re-drained into a combined drain or sewer at the rear of No. 45, Low Ash Road. An inspection chamber was provided at the junction of the two drains.

On applying the water test to new drains it was found that 20.79% would not stand the test.

This figure is much larger than that of the previous year and is largely accounted for by the employment of outside contractors whose men are accustomed to easier methods of testing.

### **Summary of Drains Tested, and Results**

	Total	Approved	Dis- approved
Drains under construction or repair tested hydraulically	380	301	79
RESULT.			
	Total	Positive	Negative
Drains tested with colours for the purpose of tracing the source of flooded basements, etc. ...	14	5	9
Drains tested with smoke ...	11	1	10
Drains tested with smell test	59	7	52

### Summary of Drainage Works executed

Piggeries re-drained	...	...	...	...	5
Houses re-drained on a proper sanitary principle	...				54
Houses partially re-drained	...	...	...	...	47
House drains cleared of obstructions	...				71
House drains repaired	...	...	...	...	24
House drains cut off and sealed up	...				2
House drains extended	...	...	...	...	13
House drains encased in concrete	...				5
House drains ventilated	...	...	...	...	25
Houses provided with slop accommodation (hitherto without)	...	...	...	...	73
Shops re-drained	...	...	...	...	10
School drain cleared of obstruction	...				1
Water closets re-drained	...	...	...	...	12
Sewer choked. Reported to Surveyor and remedied	...				1
Areas drained and concreted	...	...	...	...	27
Yard or Area Gullies fixed	...	...	...	...	149
Inspection Chambers provided	...	...	...	...	6
Inspection Chambers cleansed	...	...	...	...	14
Inspection Chamber re-built	...	...	...	...	1
Sewers that were formerly combined drains cleared of obstructions	...	...	...	...	26
Sewers that were formerly combined drains repaired	...				5
Interceptors fixed	...	...	...	...	3
Yard walls repaired	...	...	...	...	4
Tile drain laid	...	...	...	...	1
Culvert cleaned out and drained into gully	...				1
Rubble wall built to support drains...	...				1
Waste Pipes trapped, renewed and disconnected	...				240
Fall Pipes repaired and disconnected	...				63
Street Gullies cleared of obstruction	...				37
Baths provided	...	...	...	...	21
Sinks provided and walls tiled	...	...	...	...	25
Lavatory basins provided	...	...	...	...	18
Yard pavements relaid	...	...	...	...	21

## Sundry Private Works

	£	s.	d.
Constructing drain to new W.C. at Crag School	7	0	5
Removing obstruction from and drain repairs at 46, Annie Street ... ..	6	4	2
Removing obstruction from and drain repairs at 6 and 8, Albert Avenue... ..	6	9	8
Conversion of W.C's to water closets and drainage works at Nos. 29, 30, 31, 34, 35, 40 and 41, Victoria Road ... ..	90	13	9
Removing obstructions from and drain repairs at No. 6, Marion Drive ... ..	5	0	0
Drainage works at Carnegie Library ... ..	7	8	10
(Contract) Abolition of waste water closet, provision of W.C., etc., at No. 9, Barrett Street ...	14	3	6
Conversion of W.W.C's to water closets and drainage works at Nos. 32, 33, 34, 36, 37, 42 and 43, Victoria Road ... ..	97	1	5
Conversion of W.W.C's into water closets and drainage works at Nos. 32, 38, 40, 42 and 44, Dockfield Place and No. 29, Dockfield Terr.	57	13	6
Drainage repairs and removing obstructions therefrom at Saltaire Institute ... ..	10	0	1
Drainage works at Congregational Sunday School, Saltaire ... ..	16	14	9
Drainage repairs and removing obstructions therefrom at Council Houses ... ..	32	6	6
Sundry Other Works ... ..	5	14	9
	<hr/> £356 11 4 <hr/>		

## Sewers

Wood Street sewer was the only one reported to the Surveyor's Department as being choked.

Other choked sewers were immediately dealt with by the Sanitary Inspector's Staff, that, prior to the Public Health Act, 1936, would have been left to private owners who would not have abated the nuisance so quickly. Five of these were dealt with.

On the Council's Housing Estates, combined drains or sewers cleared of obstructions numbered 24.

## Sanitary Accommodation

### Summary of Works carried out

W.C's provided	...	...	...	...	43
Water closets cleared of obstructions	...	...	...	...	19
W.C. walls rendered in cement or lined with brick	...	...	...	...	9
W.C. floors concreted	...	...	...	...	13
W.C. appliances renewed	...	...	...	...	14
W.C's abolished	...	...	...	...	11
W.C's water supply improved	...	...	...	...	1
Additional W.C's provided to existing houses	...	...	...	...	6
Waste Water Closets converted into fresh water closets	...	...	...	...	26
Waste Water Closets abolished	...	...	...	...	25
Waste Water Closets repaired	...	...	...	...	15
Ashplaces abolished	...	...	...	...	6
Yard pavements re-laid	...	...	...	...	21
Sanitary dust-bins provided to new houses	...	...	...	...	99
Sanitary dust-bins repaired or new bins substituted therefor	...	...	...	...	319
Soil Pipes provided to W.C's or reconstructed	...	...	...	...	27
Accumulations of stagnant water removed	...	...	...	...	298
W.C. pedestal renewed	...	...	...	...	1
W.C's intervening ventilated spaces provided	...	...	...	...	14
W.C. areas drained and concreted	...	...	...	...	27
W.C. area walls rebuilt	...	...	...	...	3
Privy Pits closed	...	...	...	...	4
Latrine Closets abolished	...	...	...	...	8
W.C's reconstructed	...	...	...	...	4
W.C. roof raised	...	...	...	...	1
W.C. roof repaired	...	...	...	...	1
W.C. floors, walls and windows cleansed	...	...	...	...	11
W.C. at factory separate approach provided	...	...	...	...	1
Urinal at School improved	...	...	...	...	1
Urinal at factory condemned	...	...	...	...	1
Urinals at factory provided	...	...	...	...	2
Urinal at factory cleansed	...	...	...	...	1



**Table showing the Number and Type of Closet  
Accommodation, Water Closets, Privies,  
Ashpits, etc., in the District**

Up to 31st December, 1939

			Water Closets	Waste Water Closets	Privies	Movable Privy Tins
North Ward	...	...	1,847	222	6	11
South Ward	...	...	2,390	431	2	4
East Ward	...	...	1,774	245	2	0
West Ward	...	...	2,718	42	5	5
Central Ward	...	...	1,743	153	0	0
Totals			10,472	1,093	15	20

Farm premises and factories are included.

Of the 15 common privies 12 are the only closet accommodation to 15 houses, and this number includes 2 privies and 4 houses taken over from Bradford,

Three of these provide the only closet accommodation to 3 workshops.

With regard to cleansing, 11 are cleansed by the farmer or cottager and the contents are used for manurial purposes.

There is no sewer available for conversion of the three privies cleansed by the Council.

Fifty-one waste water closets were abolished or converted, leaving the number at 1,093. Of this number, over 500 are of a type that nearly approaches the ordinary water closet and are quite clean when attended to.

**Sanitary Accommodation in Picture Houses**

Five inspections of the sanitary accommodation in the Picture Houses showed that the water closets, urinals, etc., were kept in a satisfactory condition.

### **Sanitary Accommodation at Schools**

Improvements were carried out at Schools as shown below :—

Windhill C. of E. Schools.	1 additional W.C. for teachers. Conversion of Latrine W.C's into 4 separately flushed W.C's for Boys. 6 separately flushed W.C's for Girls.
Crag Road School.	Additional W.C. and Lavatory Basin for teachers.
Saltaire Road Schools.	Latrine W.C's abolished, 8.
Albert Road School.	Urinals improved.

Still outstanding in the report presented to the Education Committee in the early part of 1938 are :—

Windhill C. of E. Schools.	Insanitary Urinals.
Wood End Infant School.	Insanitary Urinals and Trough Closets.
Saltaire Road Schools.	Insanitary Latrine Closets.

The conversion of the latrine W.C's at the Saltaire Road Schools are in hand.

### **Cleansing of Streets, Street Gullies and Urinals**

This work is under the control of the Surveyor, and all complaints made or nuisances observed by the Sanitary Inspectors are handed over to the Surveyor's Staff for attention. Thirty-seven choked gullies were reported.

### **Refuse Removal and Disposal**

There were few incidents that called for particular mention during the year.

#### **Staff Changes**

The charge hand on the Refuse Tip retired under the Superannuation Act after nearly 16 years' service, and one dustman resigned owing to ill-health after serving  $3\frac{1}{2}$  years. Both had given satisfactory service. The vacancies were filled by men sent along from the Employment Exchange.

Generally speaking, the men carried out their duties in a satisfactory manner, but on four occasions complaint was made of incidents such as impudence, changing or damaging dust bins, and in one instance drink caused a man to absent himself from cleansing the market. These matters were enquired into and dealt with in a satisfactory manner.

The system of working each team with a charge hand has worked satisfactorily.

### **Vehicles and Teams**

Two S. & D. Dustless Loaders each with four dust-men.  
One S. & D. Newcastle type with three dust-men.  
One Karrier "Bantam" with driver and one man.

The third man on the Newcastle type vehicle is changed about when that vehicle is cleansing the receptacles at shops which are often wide apart.

The S. & D. Freighters continued to give reasonable service, but as time goes on breakdowns are more frequent. Had circumstances been normal one of these vehicles should have been put away in favour of a new one.

The Karrier Bantam gave efficient service throughout the year.

### **Summary of Receptacles Cleansed**

Galvanised Dust Bins	...	...	...	536,016
Trade Refuse Receptacles	...	...	...	26,832
Ashplaces...	...	...	...	1,280
Privy Tins	...	...	...	1,040
Total ...				<u>565,168</u>

Dust bins and pails are cleansed weekly, except those in Hargreaves Square, Hanson Street, Watkin Street, Spurr Road and Lupton Court, and at the Maternity Home, Salt's Hospital and 5 other public buildings during the winter months, where they are still cleansed three times per week.

The cleansing of the 31 ashplaces is done once per week, except 2 of this number which are cleansed by arrangement.

The average weight per load collected by the Dustless Loader, of 7 cubic yards capacity, was 27.88 cwts., or 1 cwt. more than in 1938. That of the Karrier Bantam, of 5 cubic yards capacity, was 21.05 cwts.

Locked gates were the cause of bins not being cleansed at 15 houses, and 160 additional calls were made to remove bedding after illness, dead dogs, or refuse of an extraordinary nature.

Considering that the number of receptacles cleansed was 565,168 it may be said that the removal of refuse was carried out with efficiency.

The collection of Trade Refuse still increases, but as the Council are now collecting much of this refuse as salvage free of any charges, the income from this source has fallen from £235 to £202.

The average number of dust bins, excluding trade refuse receptacles, cleansed each week was 10,308. Including these receptacles the number was 10,824.

Refuse per house per annum dropped from 13.47 to 12.95 cwts. As previously mentioned this is due to the modern type of range.



## Summary of Refuse Removal and place of Disposal

### For Financial Year ended 31st March, 1940.

#### REFUSE DELIVERED TO DESTRUCTOR.

		Loads		Tons	Cwts.	Qrs.
Refuse removed by Freighters	...	1554	=	2128	19	2
Refuse removed by Karrier Wagon	...	645	=	712	9	3
Refuse removed by Hired Wagon	...	15	=	17	11	1
<hr/>						
Total House Refuse to Destructor	...	2214	=	2859	0	2
Trade Refuse from Shops	... ..	343	=	328	5	1
Market Refuse	... ..	106	=	53	0	0
<hr/>						
Total House, Trade and Market Refuse delivered to Destructor		2663	=	3240	5	3
Slaughter Refuse	... ..	163	=	123	6	3
<hr/>						
Total Refuse delivered to Destructor	...	2826	=	3363	12	2

#### REFUSE DELIVERED TO TIPS.

		Loads.		Tons	Cwts.	Qrs.
Freighters	... ..	2241	=	3160	16	1
Karrier Wagon	... ..	313	=	395	16	0
Hired Wagon	... ..	59	=	74	16	3
<hr/>						
Total House Refuse delivered to tips...		2613	=	3631	9	0
Slaughter Manure	... ..	98	=	95	17	2
Stable Manure to Manure Tip...	...	79	=	71	9	2
<hr/>						
Total Refuse delivered to Tips...		2790	=	3798	16	0
<hr/>						
Total Refuse removed	... ..	5616	=	7162	8	2

Other matters removed and destroyed were—

Beds and Bedding, 171 ; Mattresses, 149 ; Couches, 16 ;  
Chairs, 18.

Carcases of animals removed and destroyed were—

Dogs, 10 ; Cats, 14.

# CLEANSING SERVICE, PART I. HOUSE AND TRADE REFUSE.

Table showing Costs for Year ending 31st March, 1940.

Item (1)	Particulars (2)	Collection		Disposal		Collection and Disposal	
		(A) including loan charges depreciation revenue contributions to capital outlay and rents.	(B) (3)	(A) including loan charges depreciation revenue contributions to capital outlay and rents.	(B) (6)	(A) including loan charges depreciation revenue contributions to capital outlay and rents.	(B) (8)
		£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.
1	REVENUE ACCOUNT.						
2	Gross Expenditure ...	4154 5 9	4154 5 9	1770 6 8	1618 4 8	5924 12 5	5772 10 5
3	Gross Income ...	675 17 4	675 17 4	202 9 4	202 9 4	878 6 8	878 6 8
	Net Cost, see notes (a) (b) (c)	3478 8 5	3478 8 5	1567 17 4	1415 15 4	5046 5 9	4894 3 9
	UNIT COSTS.						
4	Gross Expenditure per ton	0 12 1.0	0 12 1.0	0 5 1.8	0 4 8.5	0 17 2.8	0 16 9.5
5	Gross Income per ton	0 1 11.6	0 1 11.6	0 0 7.0	0 0 7.0	0 2 6.6	0 2 6.6
6	Net Cost per ton	0 10 1.4	0 10 1.4	0 4 6.8	0 4 1.5	0 14 8.2	0 14 2.9
7	Net Cost per 1,000 population	£ 110.42	£ 110.42	£ 49.77	£ 44.94	£ 160.19	£ 155.36
8	Net Cost per 1,000 houses or premises from which refuse is collected	336.6	336.6	151.73	137.01	488.33	473.61

9. Total Refuse collected, in tons Actual	...	...	6,871.	15. Method of Disposal—	Percentage of Refuse dealt with,
10. Population: Middle of 1938 according to the Registrar General's estimate	...	...	31,500.	Crude Tipping ...	...
11. Area (Statute Acres) Land and Inland Water	...	...	2,183.8	Controlled Tipping ...	...
12. Weight (in cwts.) per 1,000 population per day (365 days to year)	...	...	11.95	Incineration ...	...
13. Number of Houses and Premises (see note (d) )	...	...	10,333.	Separation and Incineration ...	...
				Pulverization ...	...
				Barging to Sea	...
				Other Methods	...

14. Method of Collection—	No. of Vehicles	Percentage of Refuse Collected	16. Average length of haul to point of disposal... approx. 1¼ miles
Horse Vehicle ...	—	...	Collection
Mechanical Vehicles ...	4	...	Disposal
Container System	...	...	Others 16
			3 on Tip
			4 on Incineration

This, and the information on the preceding page, is in accordance with information required by the Ministry of Health.

Weight per house per annum	...	...	12.95 cwts.
Cost per house and other premises per annum—collection only	...	...	6.73 shillings.
Cost per person per annum—collection only	...	...	2.24 „
Rateable Value	...	...	£207,417.
Product of a Penny Rate	...	...	£787.
Total Rates in the £	...	...	16/-.

NOTE—Six extra men not included above are employed on salvage work.

**Statement of Cost of Refuse Removal,  
Year ended 31st March, 1940.**

EXPENDITURE.				INCOME.	
		£	s. d.	£	s. d.
Salaries and Wages	...	2,129	17 1	Sale of Dust-bins	...
Team Labour and Motor Haulage	...	1,722	4 2	Sale of Manure, etc.	...
Dust-bins	...	62	7 9	Removal of Trade Refuse	...
Rates and Water Charges	...	18	2 4	Sale of Waste Paper	...
Rent of Office, &c.	...	10	0 0	Sale of old metal and other salvage	...
Books, Stationery and Printing	...	9	1 1	Sundry Receipts	...
National Insurance	...	71	8 2	Transfers to other Departments :	
Workmen's Compensation	...	9	0 0	Dust-bins	... 31 17 3
Cleaning of Roadway	...	1	10 0	Manure	... 84 8 3
Boiler Suits	...	13	9 4	Miscellaneous	... 18 7 3
Sacks	...	13	10 0		<hr/> 134 12 9
Gratuities to Workmen	...	68	9 11	Rent of Garage	...
Waste Paper Baler and Baling Wire	...	16	0 0	Balance charged to General Rate Fund	... 15 0 0
Tools and Sundries	...	9	5 11		3478 8 5
					<hr/>
		£4154	5 9		£4154 5 9



## Salvage from Refuse

At the outbreak of war, instructions were given to the cleansing staff to collect all clean waste paper and cardboard, but it was not realised at the time that there was the urge for this material that has since been realised. Dealers who had previously bought paper from your Cleansing Department made no inquiries and the schedule of prices permitted were not encouraging.

In December, the writer designed a special detachable rack to fit on to the back of the cleansing vehicles, but owing to circumstances the racks were not provided until the month of February, 1940. The racks extend the full width of the vehicles and in them are placed a galvanised bin for waste food collection and a box or basket for non-ferrous metals, bottles and jars, the remainder of the space being used for waste paper and rags. These racks proved to be of great value but it has since been found that they were insufficient, and light rails have been provided for bags of paper over the drivers' cabins.

Appeals were made to householders in December by posters attached to the vehicles and posted on the hoardings, and a further appeal was made by handbills in the month of February. Both the appeals were effective, particularly the handbill. Other efforts were letters addressed to factory proprietors and to shop keepers. The factory people did not respond and later enquiries showed that the waste paper was sold either direct to dealers or to the mills, with a view of securing their own supplies. Many of the shop keepers responded, and others have since accepted the offer of one or more bags weekly.

From the Salvage Returns for the five months ending March 31st, 1940, it will be seen that each month showed an increase over the previous one.

## Salvage Returns

			£	s.	d.
November, 1939	...	Total value	6	15	1
December, 1939	...	,,	26	8	10
January, 1940	...	,,	42	7	0
February, 1940	...	,,	67	18	4
March, 1940	...	,,	111	15	9
Total ...			£255	9	0

## Materials Salved

			Tons	cwts.	qrs.	lbs.
Clean Waste Paper and Cardboard	...		46	8	0	0
Ferrous Metals: Black Scrap	...		2	12	0	0
Other Scrap	...			3	2	0
Non-Ferrous Metals: Aluminium	...			4	0	14
Copper	...				1	9
Brass	...			3	0	19
Lead	...			1	3	24
Textiles: Rags	...	...		18	3	14
Carpets	...	...	1	11	0	0
String	...	...		6	1	14
Bottles, 132 doz.		Jars, 578½ doz.				
Cullet	...	...	3	4	3	0
Greengrocers', Fruiterers' and Kitchen Wastes	...	...	12	15	1	0
Slaughter House Waste, Manifolds, etc.,			7	6	2	14
Blood	...	...	9	17	0	0

NOTE—The few bones that were recovered were sold with kitchen waste.

### Total Number of Houses in the District up to 31st December, 1939.

North Ward	...	...	...	1,995
South Ward	...	...	...	2,330
East Ward	...	...	...	1,926
West Ward	...	...	...	2,437
Central Ward	...	...	...	1,334

Total ... 10,022

### List of Ashes Receptacles, with Number of Privies included at houses only.

		Dry Ash- places		Galvanized Dust Bins		Pail Closets		Privies and Ashpits
North Ward	...	10	...	2,072	...	11	...	7
South Ward	...	0	...	2,242	...	4	...	2
East Ward	...	13	...	1,868	...	0	...	2
West Ward	...	0	...	2,563	...	5	...	5
Central Ward	...	2	...	1,225	...	0	...	0
Totals	...	25	...	9,970	...	20	...	16

### Houses Erected

Inclusive.		WARDS.											
		North.		South.		East.		West.		Central.		Total.	
1903 to 1907	...	...	7	...	219	...	55	...	177	...	110	...	568
1908 to 1912	...	...	16	...	207	...	2	...	68	...	8	...	301
1913 to 1917	...	...	35	...	138	...	23	...	62	...	10	...	268
1918 to 1922	...	...	2	...	43	...	55	...	102	...	6	...	208
1923 to 1927	...	...	98	...	289	...	71	...	334	...	1	...	793
1928 to 1932	...	...	370	...	65	...	44	...	215	...	10	...	704
1933 to 1937	...	...	487	...	72	...	450	...	227	...	41	...	1277
1938	...	...	170	...	3	...	154	...	43	...	0	...	370
1939	...	...	44	...	0	...	31	...	24	...	0	...	99
TOTALS		...	1229		1036	...	885		1252	...	186	...	4588

These figures were compiled from the Certificate Books lent to me by the Surveyor.

The above table is of interest as it shows the increase in the number of houses in periods of five years and has a serious bearing on cleansing work. The increase during the year adds one load per week more to refuse collection.

## Refuse Disposal

The refuse was disposed of as indicated below :—

### *House or Domestic Refuse and Trade Refuse.*

			Tons
By Incineration at the Destructor	...		3240.3 or 47.15%
			<hr/>
			Tons
By Tipping	...	...	3631.45 or 52.85%
			<hr/>

### *Slaughter Refuse*

			Tons
By Destruction	...	...	123.35
By Tipping at Manure Tip	...	...	95.88

### *Stable Manure*

			Tons
By Tipping at Manure Tip	...	...	71.48

### *Total Refuse Disposed of at Tips*

				Tons
Wood End Tip	...	...	...	3631.45
Slaughter Manure to Manure Tip	...	...	...	95.88
Stable Manure to Manure Tip	...	...	...	71.48
				<hr/>
				<u>3798.81</u>

Taking the figures as shown in the Abstract of Accounts the cost per ton for disposal of refuse gives the figures below :—

	Shillings
By Incineration at the Destructor	... 6.93
By Tipping, including loan charges, etc.	... 3.44

It will be seen that by tipping 3631 tons at the Wood End Tip, a saving of over £624 was affected, as against the cost of incineration.

Slaughter refuse shows an increase of 36 tons over the figures for 1938.



Whilst the quarry bought for refuse disposal at Wrose was fenced off from the cricket field, no use was made of it for the disposal of refuse. Much remains to be done before it can be used.

Cricket infestation again occurred at the Wood End Tip, but the use of old carpets saturated with creosote soon put an end to them.

### **Sanitary Inspection of the Area**

Visits to various premises for supervision of Works ...	3,756
Visits to Cinema Houses to inspect Sanitary Accommodation ... ..	5
Visits to Refuse Tips for inspection ..	120
Visits and Re-visits to premises for the inspection and abatement of nuisances, or the remedying of defects	7,288
Housing Defects or Nuisances observed ... ..	1,651
Housing Defects or Nuisances on hand or being dealt with ... ..	186
Housing Defects remedied or Nuisances satisfactorily abated ... ..	1,844
Nuisances from damp walls abated ... ..	37
Nuisances from filthy houses, bedding, etc., abated ...	41
Nuisances from overcrowding abated ... ..	17
Defective Roofs repaired ... ..	52
Visits for purposes concerning Refuse Removal ...	128
Inspections of Milk Premises in general ... ..	337
Inspections of Offensive Trade Premises ... ..	229
Inspections of Factories and Workshops ... ..	211
Inspections of Houses ... ..	4,243
Inspections of Market Stalls and Meat Shops ...	1,607

### **Smoke Abatement**

The number of observations taken was 435. Chimneys are recorded showing that black smoke was emitted in 73 instances during these observations. There were 12 offences or an increase of 3 over those of 1938.

Letters of explanation were presented for the consideration of your Committee and these were accepted as reasonable in all cases.

Observations taken	...	...	...	435
Offences under the Bye-law	...	...	...	12
Letters to Offenders	...	...	...	12
Statutory Notices served	...	...	...	0
Visits to premises to interview Owners, Engineers or Stokers	...	...	...	21

### List of Offences

Factory				Duration in Minutes
Saltaire Mills (tall chimney)	...	...	...	10
Saltaire Mills (short chimney)	...	...	...	8, 10½
Victoria Works	...	...	...	6½
Yorkshire Range and Mantel Works	...	...	...	8½
Orbic Works	...	...	...	4½
Junction Mills	...	...	...	10¼
Canal Mills	...	...	...	7, 7½
Preserve Works	...	...	...	4½
Wharnccliffe Chemical Works	...	...	...	6½
Spring Dyeworks	...	...	...	5¼

## Infectious Diseases, Disinfection and Disinfestation

Special inquiries were made at 186 houses, and where it appeared desirable the drains were tested. Rooms disinfected by spraying numbered 128. Only in odd cases is fumigation of rooms resorted to, apart from rooms used by phthisical patients. These are both fumigated with a formalin preparation and sprayed with Izal whenever the occasion demands it.

### Summary

Houses visited on the receipt of notification of Infectious Diseases	...	...	...	...	...	186
Rooms sprayed to prevent the spread of ordinary Infectious Diseases	...	...	...	...	...	128
Rooms fumigated and sprayed to prevent the spread of Phthisis	...	...	...	...	...	14
Rooms fumigated and sprayed to prevent the spread of Pneumonia	...	...	...	...	...	1
Rooms fumigated and sprayed to prevent the spread of Cancer	...	...	...	...	...	3
Rooms fumigated to prevent the spread of other diseases	...	...	...	...	...	8
Bedding infested with scabies disinfested by steam	...	...	...	...	...	10

## Canal Boat Inspection

Several visits were made along the canal bank for the purpose of inspecting the boats, and whilst a few boats were met with none were available for inspection, the hatches being secured and the occupants being absent.

## Knacker's Yard

The one Knacker's Yard, situated off Wrose Road, was inspected on 3 occasions and was found to be clean and satisfactory. No complaints were received in spite of the odious nature of the business.

## Offensive Trade Premises

Offensive Trades within your district include the following:—Tripe Boilers, 2; Gut Scrapers, 2; Bone Boiler, 1; Fat Boiler, 1; Rag and Bone Merchants, 2.

Inspection of these premises numbered 229 during the year, and it is very creditable to the occupiers that no nuisances were discovered, neither was there any lack of cleanliness.

Apart from 2 Rag and Bone dealers, the Offensive Trade Premises are either connected with the Public Abattoir or at the Windhill Co-operative Society's premises in Thomas Place. These premises retained the high standard of cleanliness previously met with.

## Factories Act, 1937

The Factories Act, 1937, came into operation on the first day of July, 1938. The new register, a copy of which was supplied to the Council by H.M.I. of Factories, showed that in Shipley the number of

Factories with power was	188
and Factories without	27

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Total ...	215
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During the year 23 Factories with power closed down, as did one Factory without power, leaving the number on the register as

Factories with power	... 165
Factories without power	... 26

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Total ...	191
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Matters reported to the Council by H.M. Inspector of Factories concerned 2 factories, and were

W.C's without intervening ventilated space ...	2
Dirty staircase ... ..	1
Urinal unscreened ... ..	1

These and other insanitary conditions discovered and abated were :—

W.C's—Intervening ventilated spaces provided	14
W.C. provided ... ..	1
W.C. separate approach provided ...	1
W.C. pedestals, seats or flush pipes renewed...	10
W.C. floors, walls and windows cleansed ...	11
Urinal—insanitary and unscreened abolished...	1
Urinal stalls provided ... ..	1
Urinal cleansed ... ..	1
Drains cleared of obstruction ... ..	4
Drains repaired ... ..	1
Walls and ceilings cleansed and limewashed ...	4
Underground bakehouse closed ... ..	1
Accumulations of filth removed ... ..	3
Sink provided ... ..	1
Offensive smell nuisance abated ... ..	1
Dust nuisance abated ... ..	1

Inspections made under the Factories Act numbered 211.

### **Shops Act, 1934**

Under the provisions of the Shops Act the following improvements were carried out at 8 premises :—

W.C's provided ... ..	5
Sinks or Lavatory Basins provided ...	1
Ventilation provided or improved ...	5
Heating provided ... ..	1
Rest Room provided ... ..	1
Cooking Appliances provided ... ..	1
Wooden Shops closed where no W.C's were provided ... ..	5
Drains cleansed and repaired ... ..	2

In providing W.C. accommodation to 6 shops regard was had to the provision for each sex.



## Street Improvements

Street improvement works were carried out by the Surveyor's Department at:—

Ada Street	Katherine Street
Albert Road	Lockwood Street
Amelia Street	Lower School Street
Caroline Street	Mary Street
Constance Street	Mawson Street
Dove Street	New Kirkgate
Edward Street	Shipley Fields Road
Exhibition Road	Shirley Street
Fanny Street	Titus Street
George Street, Saltaire	Upper Ada Street
Helen Street	Upper Mary Street
Herbert Street	Whitlam Street
Higher School Street	William Henry Street
Jane Street	

## HOUSING ACTS, 1890-1936.

### Condition of Houses, 1939.

(Housing Inspections).

Number of Houses Inspected      ...      ...      198		
Houses—		
Defects reported to Owners,	Defects completely Remedied,	Defects partially Remedied,
65	48	7
Defects Reported to Council,	Statutory Notices served,	
161	193	

Houses Inspected, exclusive of above figures, where  
Infectious Diseases had occurred:—

Number of Houses Inspected,	Number of Houses found Satisfactory,	Number of Houses with Defects,
111	102	9
Number of Houses with Defects Remedied,		
9		

Of the 198 houses inspected, 133 are in the Leeds Road—Wood End area. Further consideration of this area suggested for clearance was held up by the outbreak of war.

## Housing Defects Remedied, 1939

Floors covered with rock asphalt	...	...	...	7
Floors covered with durocrete	...	...	...	64
Floors concreted and waterproofed	...	...	...	6
Stone floors repaired or relaid	...	...	...	3
Yard pavements relaid	...	...	...	13
Wooden floors repaired or renewed	...	...	...	60
Windows repaired and properly hung	...	...	...	191
Floors filled in with concrete, acting as party wall	...	...	...	1
New windows provided	...	...	...	2
Window cords repaired	...	...	...	13
Additional light provided to rooms	...	...	...	18
Walls over sinks tiled	...	...	...	27
Door casings or furnishings renewed	...	...	...	12
Outer doors repaired or renewed	...	...	...	6
Roofs repaired	...	...	...	52
Damp walls remedied	...	...	...	27
Damp floors remedied	...	...	...	13
Plastered walls repaired	...	...	...	253
Plastered ceilings repaired or renewed	...	...	...	232
Ventilation of bedrooms improved	...	...	...	55
Skirtings provided to rooms	...	...	...	7
Ventilated food stores provided	...	...	...	17
Dangerous yard wall remedied	...	...	...	1
Eaves gutters repaired or renewed	...	...	...	7
Outer walls repointed or repaired	...	...	...	10
Ranges repaired or renewed	...	...	...	103
Gas coppers provided	...	...	...	32
Gas fittings repaired	...	...	...	3
Stairs or stairs well fencings repaired	...	...	...	13
New flights of stairs provided	...	...	...	3
Dangerous flights of stairs removed	...	...	...	3
Chimneys repaired or rebuilt	...	...	...	3
Coal stores provided	...	...	...	13
Coal stores reconstructed	...	...	...	6
Baths provided	...	...	...	23

New water supply to house provided	...	...	1
Storage tank cleansed and repaired	...	...	1
Hot water apparatus provided	...	...	38
Separate approach to bedrooms provided	...	...	6
Dangerous headroom remedied	...	...	1
Party wall restored according to plan	...	...	1
Lavatory basins provided	...	...	14
Sinks provided	...	...	27
Electric light provided	...	...	43
Skylight repaired	...	...	1
Total defects remedied			<u>1432</u>

### **Disinfestation and Re-housing**

Furniture and household effects were fumigated with Hydro Cyanide Gas by Messrs. Ball & Waite, of Rotherham, where it appeared to be desirable upon investigation in 42 instances. This firm collected the bedding, etc., delivered it at the disinfesting station and after treatment by steam or dry heat transferred it along with the furniture to the house to be occupied.

Of the 42 families re-housed, 18 were from overcrowded houses, 8 from houses that were to demolish wholly or in part and 16 others.

One private house was disinfested by the Hydro Cyanide process.

### **Houses Disinfested by Cimex**

Thirty-seven houses were disinfested by Cimex Ltd. Better results have accrued where the firm's staff have done the work. This method is not near so effective as Cyanide, but in many cases the risks to be run are too great, particularly in houses of the "back-to-back" type, to adopt the Hydro Cyanide disinfestation.

In one terrace of back-to-back houses it was found that of 24 houses 12 were infested with bed bugs. Four other houses were disinfested by the use of Zaldacide.

## CLEARANCE AREAS

### Briggate Clearance Area No. 1 (1934)

The three houses and workshop excluded from the Confirmation Order are still to demolish and the site is generally left in a slovenly condition.

### Bradford Arms Clearance Areas, Nos. 1 and 2 (1935)

Though all the houses in these areas are shown in the register as demolished, No. 3, Smith Street is still standing. The windows and door are out and it was left in this condition, as one expected the Alma Inn (to which it is attached), having lost its trade, would become obsolete and fall with it; though the Inn was no part of the Clearance Area.

The sites of both areas are not cleared. The cellars are filled with suitable material, but too much so, as in many instances this material is left considerably above the street level.

## Clearance Orders, 1937

The position with regard to houses on these areas at the close of the year, upon which Demolition Orders were made, was:—

Houses—							
			Demolished	Closed only	Demolished 1938	Demolished 1939	
Briggate No. 3	...	19	—	6	13		
No. 4	...	76	—	26	50		
No. 5	...	7	—	1	6		
No. 6	...	2	—	—	2		
Murgatroyd and Ashley Streets		19	1	12	6		
					Total	...	77

These figures show that demolition of all houses on the Briggate areas was completed, and with the exception of one house the same applied to Murgatroyd and Ashley Street Clearance Area.

Sites were cleared at Briggate Clearance Areas Nos. 3, 5 and 6, but No. 3 area is the only one that is really satisfactory.



## **INDIVIDUAL HOUSES**

From houses that are to be demolished, or from houses that are to be closed as parts of buildings, and where Undertakings were accepted by the Council during this and the previous year.

Houses demolished were 9, as shown hereunder :—

Titus Street, Nos. 22, 24, 25 and 29.

Caroline Street, Nos. 4, 5 and 24.

The Holt, No. 20.

Elm Grove, No. 10.

## **Voluntary Demolitions**

Houses demolished for building development or other purposes were 11 :—

Maypark Terrace, Nos. 6, 8, 10, 12 and 14.

Wrose Road, No. 97.

Otley Road, No. 86.

Spurr Road, Nos. 4, 5 and 6.

Briggate, Windhill, No. 170.

Demolition Orders were made with regard to the 14 houses :—

Thackley Old Road, Nos. 4 and 6.

Thomas Place, Nos. 7 and 8.

The Holt, Nos. 9, 11, 13 and 21.

Otley Road, Nos. 38 and 40.

Hollin Lane, Nos. 1, 3 and 5.

Elm Grove, No. 10.

At the close of the year 6 of these houses were vacated, 3 being re-housed by the Council and 3 found other houses. No. 10, Elm Grove, was demolished as indicated above.

## **Houses Closed**

Cellar Kitchens, 81, Leeds Road and 21a, Queen Street.  
Houses, 2/4, Dixon Street and 27, Snowden Road.

The Dixon Street house was closed by undertaking, the owner being desirous of using it for factory purposes, and that in Snowden Road became part of another house in re-conditioning works.

## Displacement of Persons

			Houses	Persons
From Clearance Areas	...	...	1	2
From Individual Houses in Register	...	...	6	21
From Overcrowded Houses	...	...	15	76

### RE-CONDITIONING, Sections 9 and 10

or in anticipation of notices thereunder

Houses re-conditioned showed a total of 46, all done voluntarily and including 36 on the Saltaire Estate.

Housing repairs were carried out at 51 houses apart from those re-conditioned.

## Overcrowding

At the close of 1938 there were 18 houses overcrowded, 12 other houses became overcrowded during the year, making a total of 30. Of this number, 20 were dealt with satisfactorily, leaving 10 houses overcrowded.

## Inspection and Supervision of Food

### MILK SUPPLY

#### Dairies, Cowsheds and Milkshops

Resident within the Council's area there were at the close of the year upon the registers:—

Cowkeepers only	...	...	...	2
Cowkeepers and Purveyors of Milk	...	...	...	8
Purveyors of Milk	...	...	...	20
Purveyors of Milk and Dairymen	...	...	...	7
Dairies at which Milk is sold only in bottles	...	...	...	66
Total	...	...	...	<u>103</u>

Non-resident Purveyors of Milk numbered 28.

The total number of inspections of the 103 premises within the district was 337.

## **Milk Production**

Of the ten cowkeepers within the district, three only are Accredited Producers. Six others are regularly producing milk of this quality, but they are not provided with certain necessary requisites to enable the farmers to obtain the licence.

All the dairy farms, cattle and utensils, etc., are generally found to be in a high state of cleanliness and it is a pleasant duty of the Sanitary Inspector to visit them.

The number of dairy cows average about 131.

Since the Board of Agriculture took over the inspection of dairy cattle, the quarterly inspections have not been so regular as they were when the County Council controlled them, and whilst there is the same cordiality between the Sanitary Inspector and the Veterinary Inspector, one misses the quarterly reports forwarded to us by the County Council's Officers.

## **Bacterial Examination of Milk Pasteurised Milk**

	Samples Submitted	Satis- factory	Unsatis- factory
Pasteurised in Shipley ...	17	17	0
Pasteurised outside Shipley	16	12	4

Of the milks pasteurised locally, bacterial counts varied from 10 to 96,000. From this point of view these samples satisfied the prescribed test. Two samples were shown by the Phosphatase test to be improperly pasteurised, the cause being misunderstanding of a new double chart.

Of the milks pasteurised outside Shipley, 4 samples were found to have bacterial counts varying from 208,000 to over 300,000. Seeing that the bacterial count allowed by the Milk Special Designations Order is 100,000, and that to comply with the terms of the licence this figure should not be exceeded, one cannot speak too highly of Pasteurised Milk, especially when one knows that there is no great difficulty in ordinary milk being produced at under 50,000.

## **Accredited Milk**

Reports of 5 samples taken by the County Sanitary Inspectors and 4 samples taken by our own Staff showed that all were satisfactory.

## Ordinary Milk

Of 18 samples produced in Shipley all were described as satisfactory, whereas of 52 samples produced in other districts 12 samples, or 23.1% were unsatisfactory. Shipley's ordinary milk product therefore shows that our farmers are alive to the production of a clean milk.

### Pathological Results :

Of 112 samples of the various milks submitted, 4 samples proved to be tubercular and, strange to say, one of these was from milk supposed to have been pasteurised. Eleven samples of ordinary new milk were submitted for biological test only, and two proved to be tubercular.

## Milk Distribution

Generally speaking, the premises and utensils of the dairy-men and milk purveyors have been found to be clean and satisfactory.

Licences issued under the Special Designation Order were three more than in 1938.

Inclusive of the inspection of dairy farms, a total of 337 inspections were made.

### Milk Licences under Special Designations Order

were issued as follows :—

Licence to bottle Certified Milk	...	...	...	1
Licence to Pasteurise Milk	...	...	...	1
Sale of Certified Milk	...	...	...	12
Sale of Accredited Milk	...	...	...	2
Licence to bottle Accredited Milk...	...	...	...	1
Supplementary Accredited	...	...	...	3
Supplementary Certified	...	...	...	4
Pasteurised Milk	...	...	...	3
TOTAL LICENCES ISSUED				27



## MEAT

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### Public Abattoir and Meat Inspection

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Animals killed at the Public Abattoir during the twelve months were :—

Beasts	...	...	2,123
Calves	...	...	298
Sheep	...	...	7,125
Pigs	...	...	2,286
<hr/>			
Total	...	...	11,832
<hr/>			

Beasts slaughtered at the Public Abattoir were 27 less than in 1938, and the number of calves increased by 44. There was an increase of 206 sheep and a decrease of 236 pigs slaughtered there. The number of cows killed was 162 or .76%.

Table of Particulars of Carcases and Organs surrendered at the Public Abattoir and showing the various causes for surrender.

## TUBERCULOSIS.

		BEASTS.			
		Tons cwt. st. lbs.			
Carcases and					
all organs, 10	=	2	19	5	2
Fore Quarters					
of Beef, 4	=	0	4	5	10
Hind Quarters					
of Beef, 1	=	0	1	3	10
Briskets, 5	=	0	1	2	6
Heads and					
Tongues, 112	=	1	0	0	2
Livers, 50	=	0	5	4	0
Pairs of Lungs, 148	=	0	11	0	4
Udders 2	=	0	0	0	8
Heart 1	=	0	0	0	4
Kidney 1	=	0	0	0	2
Calf and all					
Organs 1	=	0	0	2	12
		<hr/>			
		5	4	1	4

PIGS.		Tons cwts. st. lbs.				
Carcases and all organs,	7	=	0	13	3	0
Heads and Tongues,	207	=	1	1	7	4
Livers,	99	=	0	2	5	3
Mesenteries,	216	=	0	15	6	4
Pairs of Lungs,	113	=	0	3	0	3
			<hr/>			
			2	16	6	0

## OTHER DISEASES.

BEASTS.				
		cwts.	st.	lbs.
Livers (Distomatosis),	172 =	18	4	6
Livers (Cirrhosis),	51 =	5	2	12
Livers (Abscesses),	37 =	3	7	10
Livers (Angioma),	3 =	0	2	8
Liver (Cystic),	1 =	0	0	7
Head and Tongue (Abscesses),	1 =	0	3	3
Pair of Lungs (Congestion),	1 =	0	0	8
Pair of Lungs (Cysts),	1 =	0	0	8
Udders (Mammitis),	5 =	0	2	5
Kidneys (Necrosis),	2 =	0	0	3
Kidneys (Petechiæ),	2 =	0	0	3
Carcase of calf and all organs (Joint Ill)	1 =	0	4	4
		1 ton 9	5	7

SHEEP.			
		cwts.	st. lbs.
Livers (Distomatosis),	109 =	2	0 4
Livers (Parasites),	59 =	1	0 6
Livers (Abscesses),	2 =	0	0 4
			<hr/>
		3	1 0

PIGS.		cwts. st. lbs.		
Carcase and all organs (Jaundice),	1 =	1	3	2
Carcases and all organs (Fevered),	1 =	2	0	0
Carcases and all organs (Pyæmia),	1 =	1	5	4
Legs of Pork (Bruising)	4 =	0	7	0
Livers (Cirrhosis),	43 =	1	1	3
Liver (Abscesses),	1 =	0	0	3
Livers (Congestion),	8 =	0	1	10
Livers (Necrosis),	2 =	0	0	6
Liver (Cysts),	1 =	0	0	3
Lungs (Pleurisy),	119 =	3	3	1
Lungs (Congestion),	78 =	2	1	8
		<hr/> 12 7 12		

Total weight of meat condemned and surrendered at the Public Abattoir, 10 tons 6 cwts. 2 qrs. 1 st. 9 lbs.

Visits were made from time to time by myself or the Additional Sanitary Inspectors for the purpose of examination of diseased carcasses or organs, and on special occasions when called in by Mr. Chadwick, the Superintendent. On all occasions Mr. Chadwick's decisions were confirmed, and I would state without hesitation that his duties were carried out in a highly creditable manner.

### **Inspection of Meat in Shops**

Regular visits were made to shops from which meat sold is produced at slaughterhouses other than your Public Abattoir. The total visits to these and the Market stalls was 1607.

The table of diseased meat discovered during these inspections indicates the very useful work carried out.

No prosecutions were taken as the meat was surrendered to the Sanitary Inspector without hesitation.

#### **Table of Diseased Meat discovered at Meat Purveyors' premises brought in from Public Abattoirs outside Shipley**

##### **Tuberculosis**

					cwts. st. lbs.		
Carcase of Beef	...	...	1	=	4	4	13
Beast's Lungs	...	...	1	=	0	0	8
Beast's Kidney	...	...	1	=	0	0	2
Pigs' Heads	...	...	2	=	0	1	11
Pigs' Mesenteries	...	...	2	=	0	0	8

##### **Other Unsound Food surrendered**

Tin of Corned Beef	...	1	=	0	0	6
					<hr/>	
					5	0 6
					<hr/>	

**Total weight of Meat found to be diseased or unfit for human food that was surrendered and destroyed was**

10 tons 11 cwts. 1 qr. 2 st. 1 lb.

That there is considerable laxity in Meat Inspection in large cities is proved by the fact that from one of these, half a pig's head was found in a shop, seriously affected with tuberculosis. The matter was taken up with the Chief Meat Inspector of the city concerned and it was found that the head had not been inspected, although it was stamped with the initials of one of the assistant inspectors.

From another city public abattoir came a whole carcase of beef also seriously affected with generalised tuberculosis. This was found in a retail shop and was surrendered freely to Mr. Farndale. The officer of the city abattoir admitted that the carcase had been purchased from the wholesale market, that there was ample evidence of disease, but stated that it had been delivered to Shipley by accident and without his knowledge.

Seven licences were granted and 66 were renewed for slaughtering under the Slaughter of Animals Act, 1933.

All animals except sheep and lambs are either stunned with the Schermer pistols or stunned with an electric lethalor.

The inspection of shops and market stalls showed that they were kept in a cleanly condition, and that the meat sold therefrom was mostly sound and of good quality.

## BAKEHOUSES

Whilst the inspection of Bakehouses is required under the Factory Acts, these places are used only for the manufacture of foods, hence it is not out of place to refer to them at this point.

There are in the district 41 Bakehouses, including 7 underground. 68 inspections were made, resulting in the following defects being discovered.

Defective drain	...	...	...	1
Limewashing inadequate	...	...	...	3
Accumulations of ashes and rubbish	...	...	...	2
Dirty condition	...	...	...	3
Defective sink	...	...	...	1

All these matters were satisfactorily dealt with.

One of the three underground bakehouses that were closed had considerable money spent upon it only a few years ago.



## FRIED FISH AND POTATO SHOPS

63 inspections of these premises were made, and whilst the foodstuffs were found to be clean and of good quality, one place only required limewashing.

Number of premises	...	...	...	45
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### Summary of Defects Discovered

Limewashing of walls	...	...	1
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There was no difficulty in obtaining the desired improvement.

## WATER SUPPLY

At the close of the year there were only 11 isolated houses and 3 farms supplied with water from private sources, so that from the administrative point of view, Shipley has few equals with regard to water supply.

The property supplied with town's water was Elm Grove, Nos. 8 and 9, and No. 10 was demolished.

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In closing this Report, I would tender my thanks to the Chairman of the Public Health Committee, Coun. T. J. Gray, J.P., to all members of the Council, to the members of the Public Health Staff, and to other officers of the Council for their ready assistance so heartily given to me on all occasions.

I am,

Yours obediently,

A. ENGLAND,

*Chief Sanitary Inspector, Housing and  
Meat Inspector, and Director of  
Public Cleansing.*

## APPENDIX.

Table showing Situation of Premises and Nature of Work carried out.

Situation of Premises.	Houses re-drained or re-drained.	House Drains cleared of obstructions.	House Drains repaired.	W.C. provided or appliances renewed.	W.W.C. or W.C's abolished.
Ada Street, 1 ... ..	do.	...	...	do.	do.
Albert Avenue, 6, 8, 39 ...	...	do.	do.	...	...
Albert Avenue, 51 ... ..	do.	...	...	...	...
Albert Terrace, 10, 11, 14, 15	do.	...	...	do.	do.
Alma Grove, 1 ... ..	...	do.	do.	...	...
Alma Street, 9, 11, 13 ...	...	do.	do.	...	...
Ann Street, 1 ... ..	...	do.	...	...	...
Annie Street, 29 ... ..	do.	...	...	do.	do.
Annie Street, 20, 36, 42, 46	...	do.	...	...	...
Ashley Lane (Ashley Mills)	do.	...	...	do.	do.
Bargrange Avenue, 36 ...	...	...	do.	...	...
Barrett Street, 8 ... ..	...	do.	do.	...	...
Barrett Street, 9 ... ..	do.	...	...	do.	do.
Bingley Road, 52, 54 ...	do.	...	...	do.	...
Bradford Road, 93, 240 ...	do.	do.	...	...	...
Bromley Road, 14 ... ..	do.	...	...	do.	...
Busy Lane, 15, 57 ... ..	...	do.	...	...	...
Buxton Street, 1 ... ..	do.	...	...	do.	do.
Caroline Street, 14, 15, 18	do.	...	...	do.	do.
Carr Lane, 67 ... ..	do.	...	...	do.	do.
Clifton Place, 41 ... ..	do.	...	...	do.	do.
Crag Road (Junior School), 103	do.	...	...	do.	...
Cross Church Street, 13 ...	do.	...	...	do.	do.

Table showing Situation of Premises and Nature of Work carried out—continued.

Situation of Premises.	Houses re-drained or re-drained.	House Drains cleared of obstructions.	House Drains repaired.	W.C. provided or appliances renewed.	W.W.C. or W.C.'s abolished.
Dallam Avenue, 40	...	do.	...	...	...
Dockfield Place, 32, 38 to 44	do.	...	...	do.	do.
Dockfield Road (Sauce Works), 31	...	do.	...	...	...
Dockfield Terrace, 1, 11, 19, 21, 29	do.	...	...	do.	do.
Edmund Street, 11	do.	...	...	do.	do.
Elm Grove, 8, 9, 10	do.	...	...	do.	3 Privies
Fairbank, 36, 39	do.	do.	...	do.	do.
George Street, 65	do.	...	...	do.	do.
George Street, 18	...	do.	do.	...	...
Glenside Avenue, 19 to 23	...	do.	...	...	...
Grange Avenue, 1	do.	do.	...	...	...
Hall Lane, 5, 7	do.	...	...	...	...
Hall Royd, 24	do.	...	...	...	...
Hazel Mount, 1	...	do.	...	...	...
Helen Street, 44	do.	...	...	do.	do.
Hirstwood Crescent, 9 to 19, 23, 24 to 30, 41	...	do.	...	...	...
Hirstwood Road (Scott Works)...	...	do.	do.	do.	...
Hirstwood Road, 21	...	do.	...	...	...
Hope Avenue, 28 to 36	do.	...	...	...	...
Hope View, 24, 28	do.	...	...	do.	do.
Hope View, 36	...	do.	...	...	...
Ives Street, 9	...	do.	do.	...	...
King Street, 2 to 16	...	do.	...	...	...
Kirkgate, 1 to 5	do.	...	...	do.	...

Table showing Situation of Premises and Nature of Work carried out—continued.

Situation of Premises.	Houses re-drained or re-drained.	House Drains cleared of obstructions.	House Drains repaired.	W.C. provided or appliances renewed.	W.W.C. or W.C.'s abolished.
Leeds Road, 153 to 167, 246 ...	...	do.	...	...	...
Leeds Road (Carnegie Library) ...	do.	...	...	...	...
Leeds Road, 15, 58 ...	do.	...	...	do.	do.
Lynton Drive, 29, 31 ...	do.	...	...	...	...
Maddocks Street, 13 ...	do.	...	...	do.	do.
Maddocks Street, 23 ...	...	do.	...	...	...
Manor Lane, 61 ...	do.	...	...	do.	do.
Manor Lane, 84 ...	do.	...	...	do.	...
Marion Drive, 6, 20 ...	...	do.	do.	...	...
Market Place, 14, 16 ...	do.	...	...	do.	...
Mary Street, 1 ...	do.	...	...	do.	do.
Moorhead Lane, 75 ...	do.	...	...	...	...
Moor View Estate (5 Piggeries) ...	do.	...	...	...	...
Mossman Street, 41 ...	do.	...	...	do.	do.
Mountain Street, 14, 46, 48 ...	do.	...	...	...	...
Nab Wood Drive, 2 ...	do.	do.	...	...	...
Northcliff (Park House) ...	...	do.	...	...	...
Norwood Road, 38 ...	do.	...	...	...	do.
Norwood Road, 16 ...	do.	...	...	do.	do.
Norwood Terrace, 20, 44, 74 ...	do.	do.	...	...	do.
Oakdale Drive, 1 ...	...	do.	do.	...	...
Oastler Road, 23, 25 ...	...	...	do.	do.	...
Otley Road, 21 ...	do.	...	...	...	...
Otley Road, 29, 31, 33 ...	...	do.	do.	...	...
Owlet Road, 37 ...	...	do.	do.	...	...
Owlet Road, 89 to 95, 79, 99 ...	...	do.	...	...	...
Park Road, 5 ...	do.	...	...	do.	...



Table showing Situation of Premises and Nature of Work carried out—continued.

Situation of Premises.	Houses re-drained or re-drained.	House Drains cleared of obstructions.	House Drains repaired.	W.C. provided or appliances renewed.	W.C. or W.C.'s abolished.
Prospect Close, 8...	...	do.	...	...	...
Prospect Mount, 16	...	do.	...	...	...
Prospect Walk, 2 to 12	...	do.	...	...	...
Queen Street, 6 to 10, 21	do.	...	...	do.	do.
Regent Street, 33	do.	...	...	...	...
Robert Street, 35...	do.	...	...	do.	do.
Rosedale Street, 1	do.	...	...	do.	...
St. Paul's Terrace, 37	...	do.	do.	...	...
Salisbury Street, 12	do.	...	...	do.	do.
Saltaire Road (School)	do.	do.	do.	do.	do.
Saltaire Institute	...	do.	do.	...	...
Shipley Fields Road, 30...	...	do.	do.	...	...
Sleningford Road, 2	do.	...	...	...	...
South Street, 2	...	...	do.	...	...
Springswood Avenue, 5	do.	...	...	do.	do.
Stubbing Terrace, 9	...	do.	...	...	...
Thompson Street, 58	do.	...	...	...	...
Titus Street, 2	...	do.	do.	...	...
Valley Road, 23	...	...	do.	do.	...
Vicarage Road, 27 to 45	...	do.	...	...	...
Victoria Road, 22	do.	...	...	do.	...
Victoria Road, 29	do.	do.	...	...	...
Victoria Road, 30 to 37, 40 to 43	do.	...	...	do.	do.
Victoria Street, 10	do.	...	...	...	...
Westgate, 1a	do.	...	...	...	...

Table showing Situation of Premises and Nature of Work carried out—continued.

Situation of Premises.	Houses re-drained or re-drained.	House Drains cleared of obstructions.	House Drains repaired.	W.C. provided or appliances renewed.	W.W.C. or W.C.'s abolished.
West Royds Avenue, 15, 30, 38, 39, 68 to 72	...	do.	...	...	...
West Royds Close, 15 to 17	...	do.	...	...	...
West Royds Crescent, 2 to 6	...	do.	...	...	...
West Royds Drive, 20, 24	...	do.	do.	...	...
West Royds Grove, 7, 9	...	do.	...	...	...
West Royds Mount, 1	...	do.	...	...	...
West Royds Road, 1 to 7, 18, 20, 30, 33, 35, 40, 45 to 63, 68	...	do.	...	...	...
Whitlam Street, 44	do.	...	...	do.	do.
Windsor Road, 50	...	...	do.	...	...
Wrose, 30	...	...	do.	do.	do.
Wrose Brow Road, 30	...	do.	...	...	...
Wrose Mount, 9 to 27, 26 to 34...	...	do.	...	...	...
Wycliffe Road, 35, 63	...	do.	...	...	...





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A. & K. EMMOTT, SHIPLEY.

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